

IN THE CLAIMS:

1-22. (Cancelled)

23. (New) A clip manipulating device comprising:

a flexible insertion tube capable of being inserted into a cavity of a living body;

a flexible wire having pliability and movably passed through the insertion tube; a junction provided on a distal end portion of the wire, detachably coupled with a clip located at the distal end portion of the insertion tube for effecting grasping operation and disengaging operation of the clip,

wherein the junction is pliable enough to follow substantial bending deformation of the insertion tube, such that movement in the tube is not hindered by the bending deformation, the junction has a weak portion which is adapted to break when the wire is hauled with a tractive effort great enough to leave the clip and the junction includes a looped flexible wire of a predetermined length, one end of which is coupled with the clip and a coupling member connected to the flexible wire, the coupling member having a J-shaped portion coupled with the other end of the looped flexible wire, the J-shaped portion being deformable to release the looped flexible wire so that the junction is broken.

24. (New) A clip manipulating device according to claim 23, which comprises a flexible tube sheath penetrated by the insertion tube for advance and retreat, the tube sheath being capable of storing the clip located at the distal end portion of the insertion tube.

25. (New) A clip manipulating device according to claim 24, wherein that part of the as insertion tube which is situated behind the clip and exposed from the distal end of the tube sheath when the clip projects from the tube sheath forms a curvedly raised portion.

26. (New) A clip manipulating device according to claim 23, wherein the flexible insertion tube forms a push member for advancing the clip.

27. (New) A clip manipulating device according to claim 23, wherein the coupling member is located apart from a distal end of the insertion tube in the insertion tube at least when the J-shaped portion is deformed.

28. (New) A clip manipulating device according to claim 27, wherein said insertion tube has a distal end portion which may be curved and through which the looped flexible wire extends along the curved distal end portion, when the looped flexible wire is released, and

said coupling member is located apart from the curved distal end portion in the insertion tube upon a releasing of the looped flexible wire together with the clip.

29. (New) A clip manipulating device comprising:

a flexible insertion tube capable of being inserted into a cavity of a living body;

a flexible wire having pliability and movably passed through the insertion tube;

a junction provided on a distal end portion of the wire, detachably coupled with a clip located at the distal end portion of the insertion tube for effecting grasping operation and disengaging operation of the clip,

wherein the junction is pliable enough to follow substantial bending deformation of the insertion tube, such that movement in the tube is not hindered by the bending deformation, the junction has a weak portion which is adapted to break when the wire is hauled with a tractive effort great enough to leave the clip and the junction includes a looped flexible wire of a predetermined length, one end of which is coupled with the clip and

a joint connected to the flexible wire, the joint being coupled with the other end of the looped flexible wire, said one end of the looped flexible wire being able to be broken to release the clip.

30. (New) A clip manipulating device according to claim 29, which comprises a flexible tube sheath penetrated by the insertion tube for advance and retreat, the tube sheath being capable of storing the clip located at the distal end portion of the insertion tube.

31. (New) A clip manipulating device according to claim 30, wherein that part of the as insertion tube which is situated behind the clip and exposed from the distal end of the tube sheath when the clip projects from the tube sheath forms a curvedly raised portion.

32. (New) A clip manipulating device according to claim 29, wherein the flexible insertion tube forms a push member for advancing the clip.

33. (New) A clip manipulating device according to claim 29, wherein said insertion tube (5) has a distal end portion which may be curved and through which the looped flexible wire (27c) extends along the curved distal end portion, when the clip is released, and said joint is located apart from the curved distal end portion in the insertion tube upon a releasing of the clip.

34. (New) A clip manipulating device according to claim 33, wherein said distal end portion of the insertion tube is bent up to substantially 90 degrees by a forceps raising device.

35. (New) A clip manipulating device comprising:
a flexible insertion tube capable of being inserted into a cavity of a living body;

a single flexible wire having pliability and movably passed through the insertion tube;

a junction provided on a distal end portion of the flexible wire, detachably coupled with a single clip located at the distal end portion of the insertion tube for effecting grasping operation and disengaging operation of the clip,

wherein the junction is pliable enough to follow substantial bending deformation of the insertion tube, such that movement in the tube is not hindered by the bending deformation, the junction has a weak portion which is adapted to break when the flexible wire is hauled with a tractive effort great enough to leave the clip and the junction includes a looped flexible wire of a predetermined length, one end of which is coupled with the clip and a joint connected to the flexible wire, the joint being coupled with the other end of the looped flexible wire, said one end of the looped flexible wire being able to be broken to release the clip.